FIG. 1

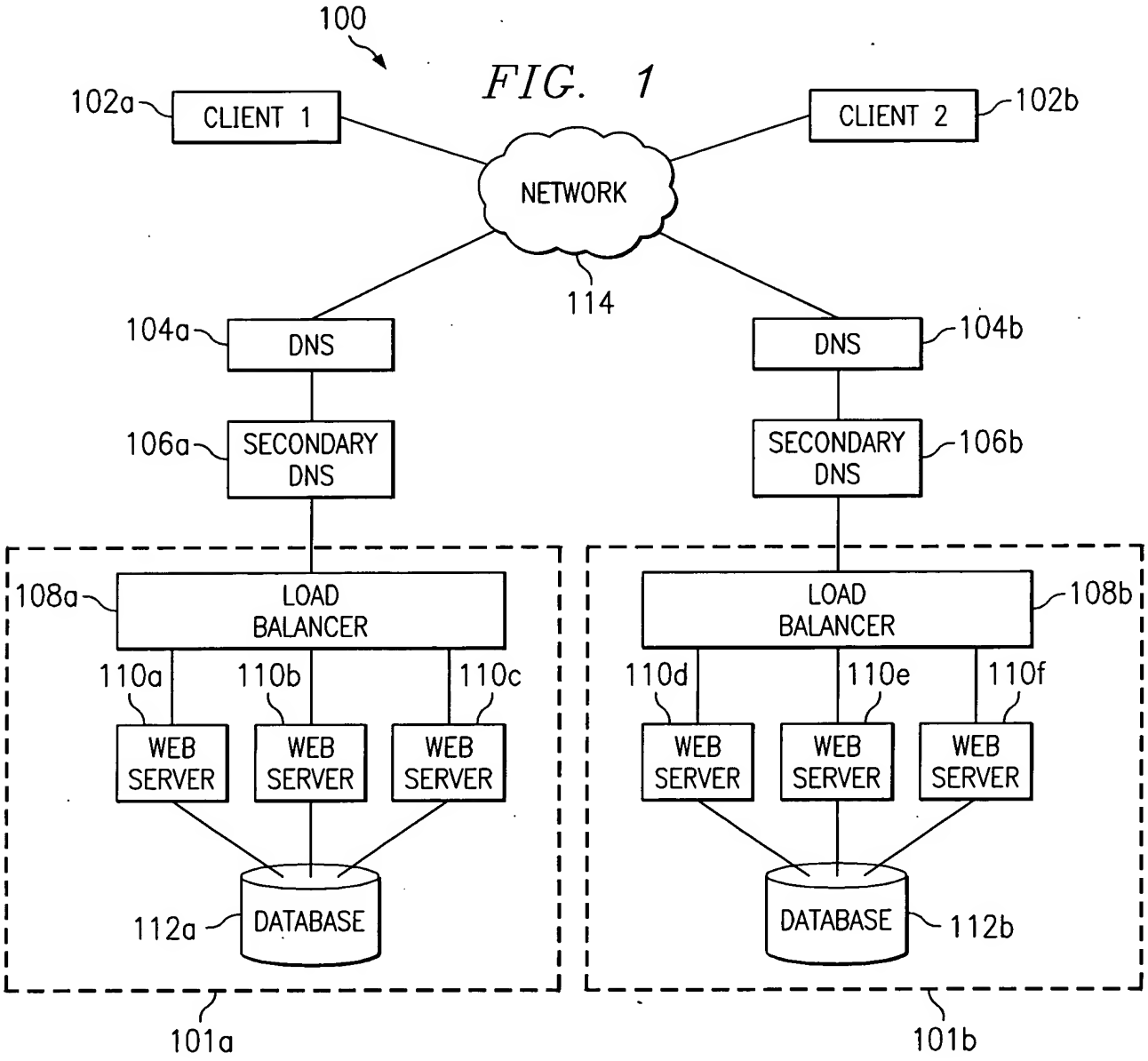
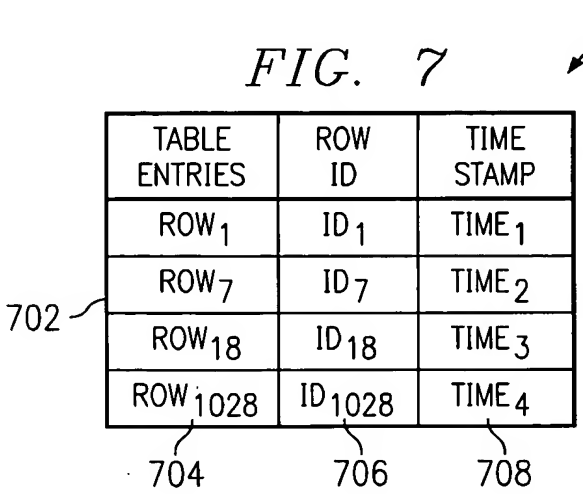

100
102a
CLIENT 1
CLIENT 2
102b
NETWORK
114
104a
DNS
DNS
104b
106a
SECONDARY DNS
SECONDARY DNS
106b
108a
LOAD BALANCER
LOAD BALANCER
108b
110a
110b
110c
110d
110e
110f
WEB SERVER
WEB SERVER
WEB SERVER
WEB SERVER
WEB SERVER
WEB SERVER
112a
DATABASE
DATABASE
112b
101a
101b

FIG. 7


418
TABLE ENTRIES
ROW ID
TIME STAMP
ROW1
ID1
TIME1
ROW7
ID7
TIME2
ROW18
ID18
TIME3
ROW1028
ID1028
TIME4
702
704
706
708

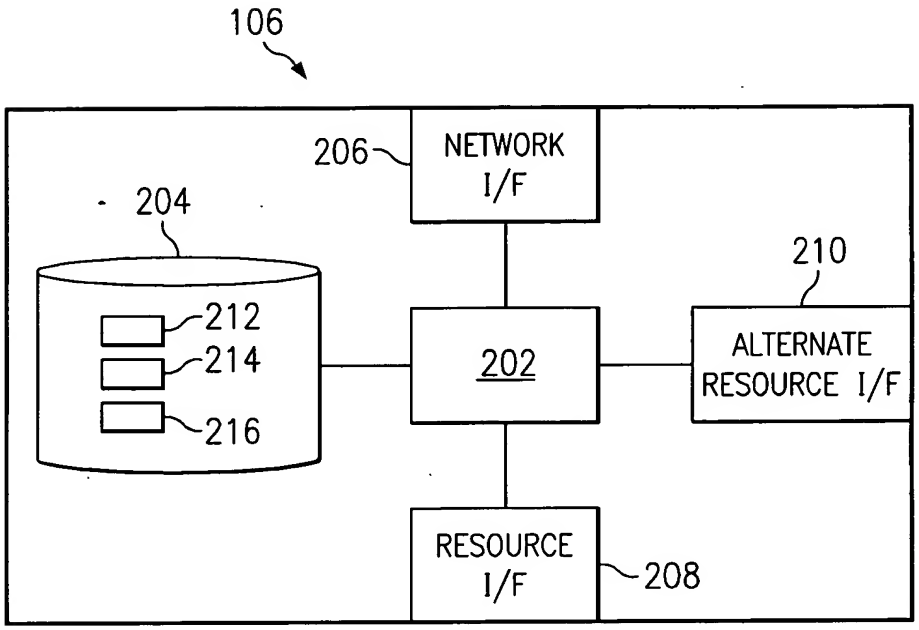


FIG. 2

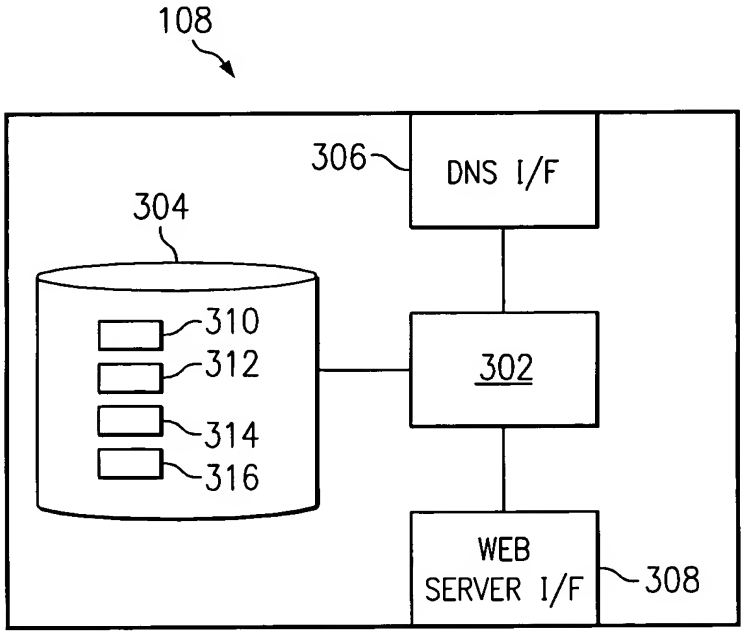


FIG. 3

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FIG. 4

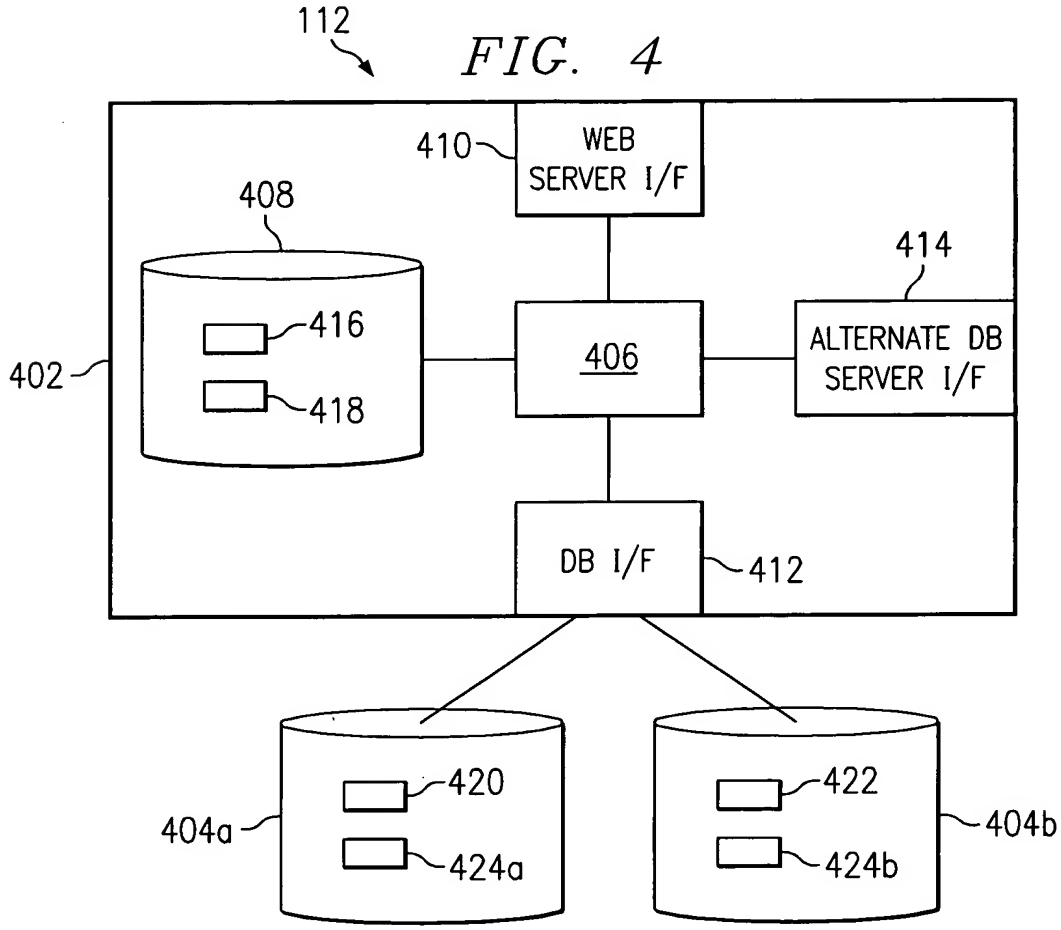


FIG. 5

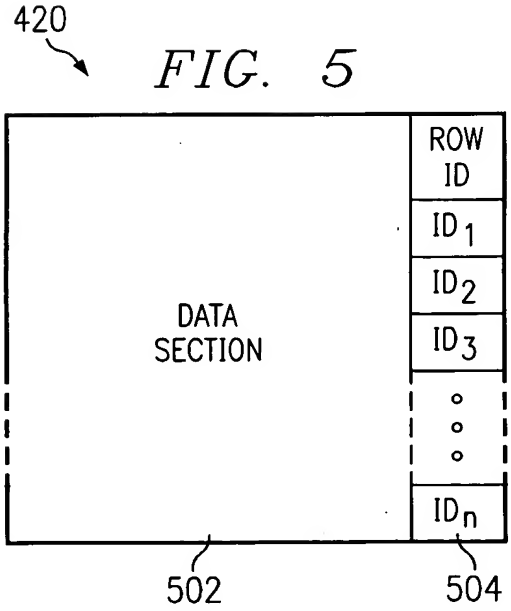


FIG. 6

422

SESSION ID	STATE INFORMATION	ROW ID
ID1	STATE 1	ID 1
ID2	STATE 2	ID 2
ID3	STATE 3	ID 3

602

604 606 608

FIG. 9

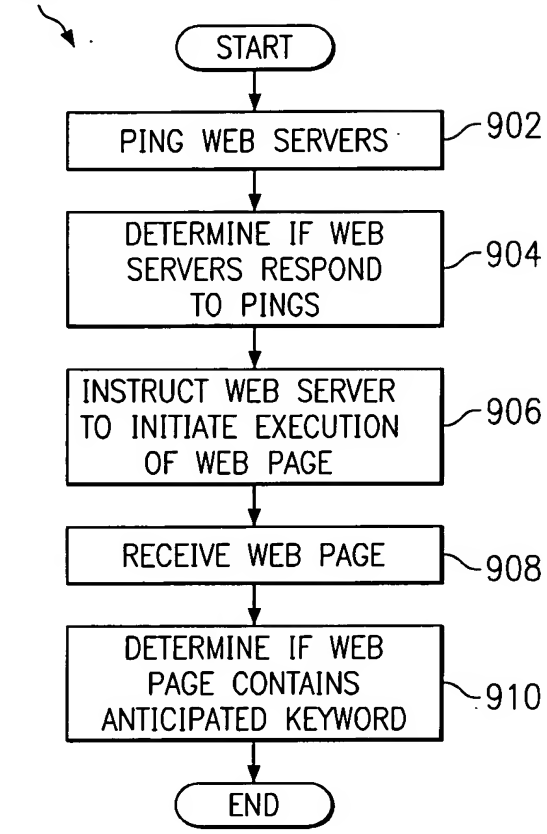

900
START
PING WEB SERVERS
902
DETERMINE IF WEB SERVERS RESPOND TO PINGS
904
INSTRUCT WEB SERVER TO INITIATE EXECUTION OF WEB PAGE
906
RECEIVE WEB PAGE
908
DETERMINE IF WEB PAGE CONTAINS ANTICIPATED KEYWORD
910
END

FIG. 8

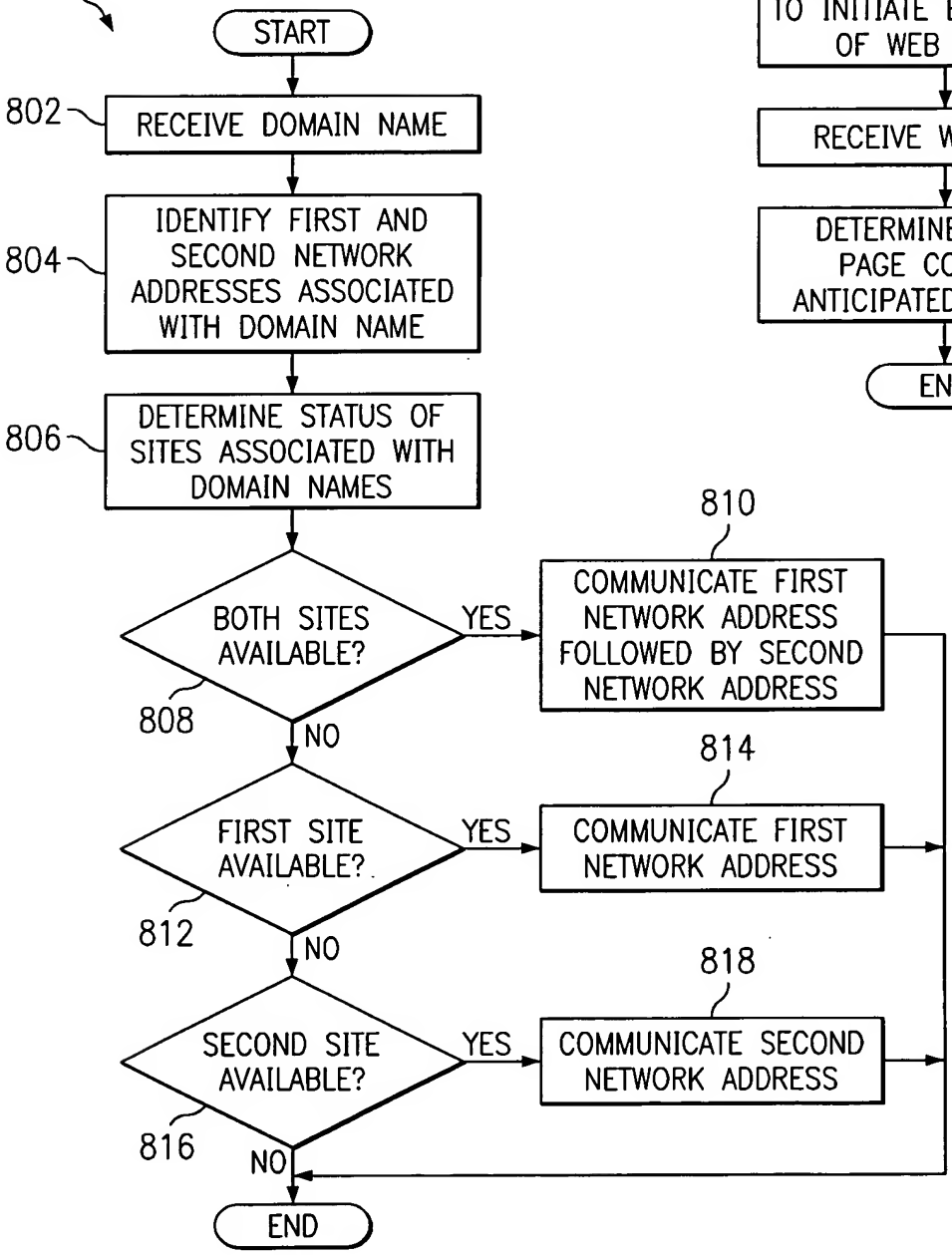

800
START
802
RECEIVE DOMAIN NAME
804
IDENTIFY FIRST AND SECOND NETWORK ADDRESSES ASSOCIATED WITH DOMAIN NAME
806
DETERMINE STATUS OF SITES ASSOCIATED WITH DOMAIN NAMES
BOTH SITES AVAILABLE?
808
YES
810
COMMUNICATE FIRST NETWORK ADDRESS FOLLOWED BY SECOND NETWORK ADDRESS
NO
FIRST SITE AVAILABLE?
812
YES
814
COMMUNICATE FIRST NETWORK ADDRESS
NO
SECOND SITE AVAILABLE?
816
YES
818
COMMUNICATE SECOND NETWORK ADDRESS
NO
END

FIG. 10

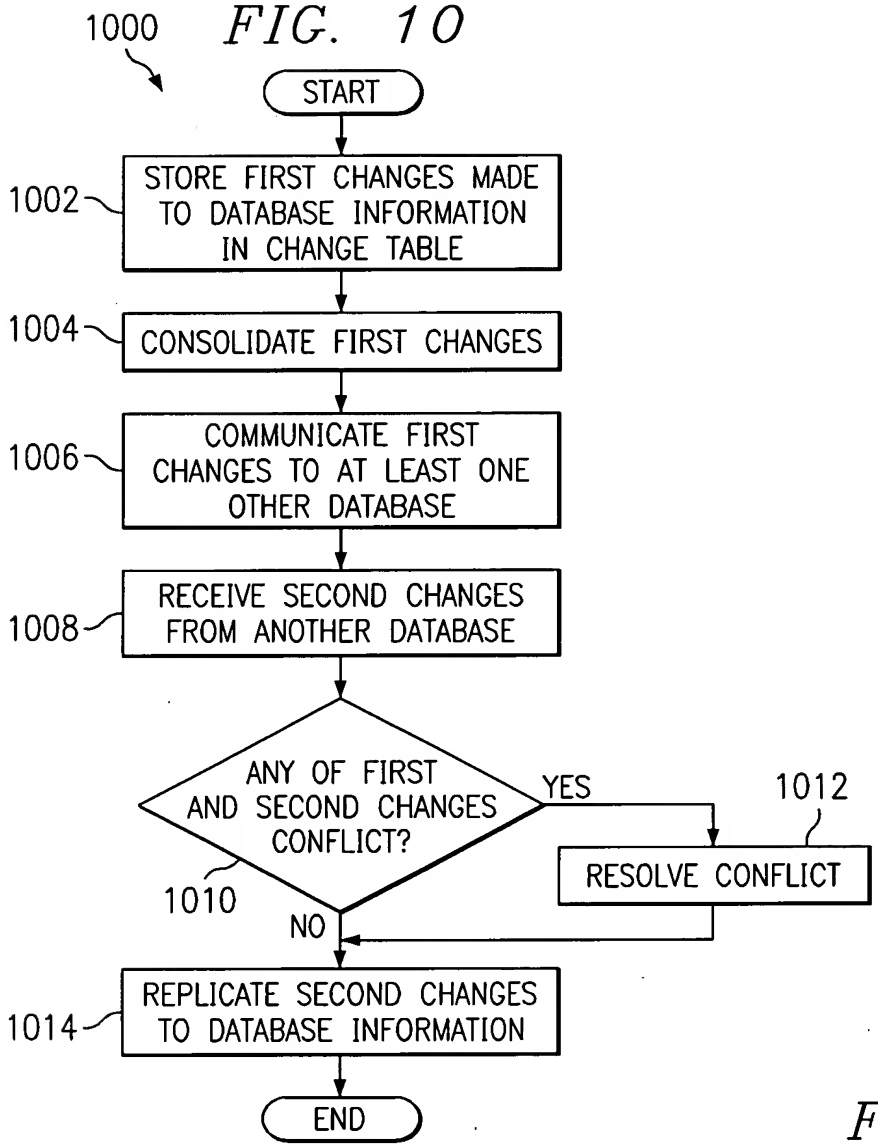
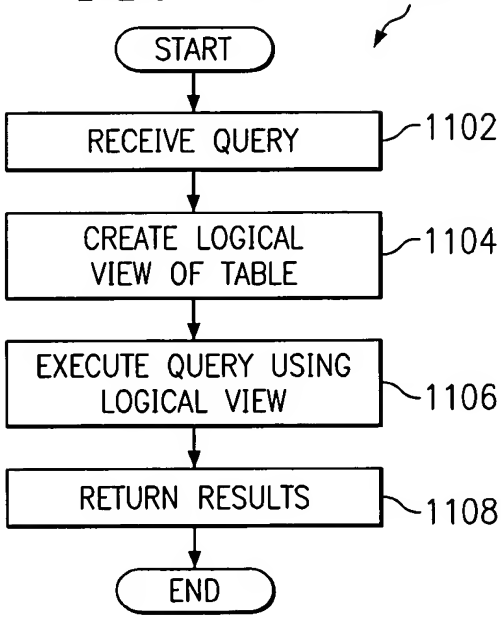

1000
START
STORE FIRST CHANGES MADE TO DATABASE INFORMATION IN CHANGE TABLE
1002
CONSOLIDATE FIRST CHANGES
1004
COMMUNICATE FIRST CHANGES TO AT LEAST ONE OTHER DATABASE
1006
RECEIVE SECOND CHANGES FROM ANOTHER DATABASE
1008
ANY OF FIRST AND SECOND CHANGES CONFLICT?
1010
YES
1012
RESOLVE CONFLICT
NO
REPLICATE SECOND CHANGES TO DATABASE INFORMATION
1014
END

FIG. 11


1100
START
RECEIVE QUERY
1102
CREATE LOGICAL VIEW OF TABLE
1104
EXECUTE QUERY USING LOGICAL VIEW
1106
RETURN RESULTS
1108
END